

Centre for AIDS Reagents

Data Sheet

PRODUCT NAME: HIV-1 Env gp160 clone (KCL411)

REPOSITORY REFERENCE: #100 375

DESCRIPTION: The HIV-1 gp160 sequence derived from a clinical sample collected in the UK has been cloned in the pcDNA™3.1/V5-His TOPO® TA. Transfection of this plasmid in mammalian cells allows the expression of the gp160 protein and can be used to generate pseudovirus.

ORIGIN: Clinical sample collected in the UK

SUBTYPE: CRF43_02G

HIV gp160 SEQUENCE:

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ATGAGAGTGAGGGGGACACAGACGAATTGGCAACTTGTGGAAATGGGAACTTTGATCCTTGGGTTGGTGATAATTTGTAGTGCTTCAAATAACTTGTGGGTCACAGTATATTATGG
GGTGCCTGTGTGGGAAGATGCAGATACCCCTCTATTTTGTGCATCTGATGCTAAAGCATATAGTACTGAAAAGCATAATGTCTGGGCTACACATGCTGTGTACCCACAGACCCCGACCC
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AGATGAGAACTGCTCTTTCAATGTAACCACAGAAATAAGAGATAAGATAAAGACAGAAATATGCGCTTTTCTATAAACTTGATCTAGTGCAACTTACACCTACAGATAATTCTTTATAC
AGATAATCTTCTTATATATAAATAAATTTGTAATGTCTCAACCATTAAACAGGCTGTCCAAAAGTACTTTGAACCAATCCCCATACATTATTGTGCTCCAGCTGGTTTTGCGATTCTAAA
GTGTAGGGATAAAGAGGTTCAATGGAAACAGGACCATGTACAAATGTCAAGTACAGTACAATGTACACATGGAATTAAGCCAGTGGTCTCAACTCAATTAAGTCTGCTGAACGGCAGTTTAGCAG
AAGAAGATATAAATAGACTGTGAAAATAACAAAACAAATGCAAAAATCATAATAGTGCATCTTAATGAACTGTAAGATCCAGTGTACCAGACCAATAACAATACAAGAAAGAGT
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AAAGCTAGGAGAAGCTTTAATAATAAAAGTAACATAATCTTTAATCAATCTGCAGGAGGGGACCCAGAAAATTAACAACACATACTTTAATTGTGGAGGAAATTTTCTATTGTGAGAC
ACCAGGACTGTTTAATAACACATTATTAATAGTAATACAAGTAGGGAGAACGACACGGACATCATACTCCCATGTAGGATAAGACAAATTTGTAGGATGTGGCAGAGAGTGGGACAA
GCAATGTATGCCCTCCCATTTGAGGAAACATTACATGTACATCAACATTACAGGACTACTATTAACAAGAGATGGTGGCAATAGCGCTGGCAATAGCACAATAATGAGACCTTCAGA
CCTGGAGGAGGAGATATGAGAGACAATTGGGAAATGAATTATATAAGTATAAATAGTAAAAATTAACCCTAGGAATAGCACCCCTCAAGGCCAGGAGAAGAGTAGTGGGGAGA
GAGAAAAGAGCTGGAATAGGAGCTGTTTTCTTGGGTTCTTAGGGATGGCAGGAAAGCACTATGGGCGCAGCGTCACTAACGCTGACGGTACAGGCCAGACAATTATTGTCTGGTATAG
TGCCGACGAAAGCAATTTGCTGAAGGCTATCGAGGCGCAGCAGCTGTGTTCAACTCAGCTCTGGGCAATTAACAGCTCCAGGCAAGAGTCTGGCGTTGAAAGATACCTACA
GGATCAACAGCTCCTAGGAATTTGGGGCTGCTCTGAAAACCTCATCTGCCACTGCTGTTCCCTGGAAACGCTAGTTGGAGCAATAAAAAGTTTGTATGCCATTTGGTATAACATGACCTG
GATAGAATTGGGATAGGGAGATTAATAATTACACACAGCAAAATATATGAACATAATTGAAGAATCGCAAAATCAGCAGGAAAAGAAATGAACAAGACTTATTGGCATTGACAAATGGGCA
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TAGGCAGGGATACTACCCCTATCGTTGAGACCCCTATCCCAACCAACGGGAGCCGACAGGCCCGGAGAAAACAGAAAGGAGAAGGTGGAGAGCAAGGCAGAACAGATCGATTCCG
ATTGGCAACGGATTCTAGCACTTCCCTGGGACGACTTGAGGAGCCTGTGCCTCTTCACTACCACTATTGAGAGACTTTGATTAATTCAGCAGGAGGACTGTGCAAAATCTGGGACA
CAGGGGGTGGGAGATCCTCAAATACCTGGGGAACTGTGTGAGCTATTGGGGGAGGAACTAAAGAAATAGTGCTATTAGTTAATTGATACAACAGCAATAGCAGTACTGAACTGGACA
GATAGGGTTATAGAAATAGGACAAAGAAATTTTAGAGCTTTTCTAACATACCTAGAGAATAAGACAAGGATTAGAAAAGAGCTTTGCTATAA
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PRESENTATION: 50µl (100ng/µL) in TE (10mM Tris, 1mM EDTA, pH8.0)

STORAGE: -20°C

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